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10 October 1960

MEMORANDUM FOR: Chief, Technical Services Division

SUBJECT : Request for Continuation of Task RR under Contract RD-26
with [REDACTED]

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1. Description of the Project

This project is for the further development of the Model 2 Air-Fed Incinerator.

2. Purpose of the Project

The first prototype model of the Model 2, Air-Fed, Incinerator has been developed and is presently being set up for test and demonstration at the headquarters area. The motor-blower being used in this prototype model is capable of giving the desired burning rates only when 220 volt, 3 phase, 60 cycle current is used. If 50 cycle current is employed a considerable reduction of the burning rates will result. By modifying the configuration of the bottom section of the incinerator, and replacing the present motor-blower with a belt driven motor-blower satisfactory burning rates will be able to be obtained with either 50 or 60 cycle, 220 volt, 3 phase current.

Physical Security Division of the Office of Security now feels there is also a valid need for a similar type unit to run off of 110 volt, 50 or 60 cycle, single phase current. In order to satisfy this latest requirement, it is felt that an interchangeable lower section with the properly powered motor-blower system would be possible.

During the installation of the first prototype Model 2, Air-Fed Incinerator the Fire Marshall's office felt that certain changes should be made for safety reasons. These changes, minor in nature, can be accomplished.

In order to demonstrate all of these points it is felt that a new prototype Model 2, Air-Fed Incinerator should be built with the alternate lower section to show the versatility of this unit. At the same time the new safety precautions can be introduced along with the reestablishment of the desired burning rates on the present prototype model.

3. Recommended Contractor

The recommended contractor for this project is [REDACTED]
[REDACTED] who is currently conducting the development of all of the incinerators at their laboratories.

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4. Support Requirements

There is no support required from other Government agencies. The Physical Security Division will be kept informed of all progress, so that full advantage may be taken of their guidance.

5. Total Cost

The cost of this proposed additional effort is estimated to be \$8,480.00, including a fixed fee of \$480.00. This work will constitute an additional five months of effort. Charges are to be made against Allotment Number 1125-1009-1901.

6. Security Information

Contract RD-26 is an Agency sterile contract. Task RR is also Agency sterile. The item per se is unclassified. Government interest may be shown. Agency interest in all work and material under the contract and task is classified Secret and may be divulged only on a need-to-know basis to appropriate security approved personnel.

7. Project Engineer

The project engineer for this program is [redacted] Room 210,
West Outbuilding, extension [redacted]

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[redacted]

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Chief
TSD/Engineering Branch

DD/P/TSD/EB [redacted]

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